

**ABSTRACT OF THE DISCLOSURE**

A method and apparatus for predicting load unbalance in an appliance is provided for  
15 an appliance having a vessel configured to receive a supply of material and rotatable about an  
axis. A control is arranged and configured to rapidly accelerate a rotation of the vessel,  
determine an amount of energy with which the vessel has engaged the relatively stationary  
part, compare the amount of energy with a predetermined value and send a signal indicative  
of an unbalance condition if the amount of energy exceeds the predetermined value. The  
20 vessel may be rotated by use of an electric motor such as a controlled induction motor and the  
control can be used to measure the electric current drawn by the motor and through  
manipulation of the current, determine the amount of energy with which the vessel engages  
the stationary part of the appliance.